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DICTIONARY FILE UPDATES:   8 NOV 2007  HIGHEST RN 952702-46-4

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on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

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L2              STR
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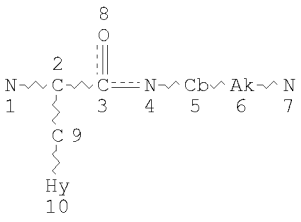


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GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS  10

STEREO ATTRIBUTES: NONE
L4      1182088 SEA FILE=REGISTRY ABB=ON  PLU=ON  NC4-C6/ES
L6          345 SEA FILE=REGISTRY SUB=L4 SSS FUL L2

100.0% PROCESSED  249614 ITERATIONS                          345 ANSWERS
SEARCH TIME: 00.00.17



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FILE COVERS 1907 - 9 Nov 2007 VOL 147 ISS 21
FILE LAST UPDATED: 8 Nov 2007 (20071108/ED)

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 This file contains CAS Registry Numbers for easy and accurate
 substance identification.

=> d bib abs hitrn fhitstr l11 tot

L11 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2007 ACS on STN
AN 2004:453183 HCAPLUS
DN 141:23903
TI Preparation of indole amino acid derivatives as somatostatin agonists or antagonists
IN Abe, Hidenori; Matsunaga, Shinichiro; Takekawa, Shiro; Watanabe, Masanori
PA Takeda Chemical Industries, Ltd., Japan
SO PCT Int. Appl., 482 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO2004046107	A1	20040603	2003WO-JP14622	20031118
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	AU2003280838	A1	20040615	2003AU-0280838	20031118
	JP2004300133	A	20041028	2003JP-0388524	20031118
	EP---1562898	A1	20050817	2003EP-0772841	20031118
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	CN---1738798	A	20060222	CN 2003-80108633	20031118
	US2006223826	A1	20061005	2005US-0534725	20050512
PRAI	2002JP-0335661	A	20021119		
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OS MARPAT 141:23903
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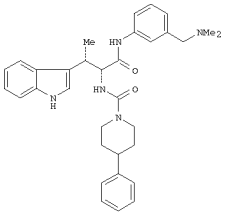

I

AB The invention relates to compds. Z-Y-N(Ya-Za)CH(CR4R5R6)CONR3-A-B-NR1R2 [A is an aromatic ring optionally having substituents; B, Y and Ya are a bond or spacer; R1, R2 are H, (un)substituted hydrocarbyl or heterocyclyl or R1R2N is a ring or forms a ring with ring A; R3 is H, (un)substituted hydrocarbyl or heterocyclyl; R4, R5 are H or (un)substituted hydrocarbyl or form a ring; R6 is (un)substituted indolyl; Z, Za are H, halo or a

L11 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2007 ACS on STN (Continued)
cyclic group] or their salts or prodrugs having somatostatin receptor binding inhibition activity. Thus, 2-aminobutanamide deriv. I was prepd. via amidation of (2R,3S)-3-(1H-indol-3-yl)-2-[[(4-phenyl-1-piperidinyl)carbonyl]amino]butanoic acid with 3-[(dimethylamino)methyl]aniline dihydrochloride.
IT 697310-48-8P
RL: BYP (Byproduct); PREP (Preparation)
(preparation of indole amino acid derivs. as somatostatin agonists or antagonists)
IT 697307-06-5P 697307-07-6P 697307-08-7P
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697308-38-6P 697308-39-7P 697309-91-4P
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RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
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697307-46-3P 697307-47-4P 697307-49-6P
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L11 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2007 ACS on STN (Continued)
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(prepn. of indole amino acid derivs. as somatostatin agonists or antagonists)
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(preparation of indole amino acid derivs. as somatostatin agonists or antagonists)
IT 697307-11-2
RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation of indole amino acid derivs. as somatostatin agonists or antagonists)
IT 697307-09-8P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of indole amino acid derivs. as somatostatin agonists or antagonists)
IT 697310-48-8P
RL: BYP (Byproduct); PREP (Preparation)
(preparation of indole amino acid derivs. as somatostatin agonists or antagonists)
RN 697310-48-8 HCAPLUS
CN 1H-Indole-3-propanamide, α-[[(4-acetyl-1-piperazinyl)carbonyl]amino]-N-[5-[(dimethylamino)methyl]-2-ethoxyphenyl]-β-methyl-, (αR,βS)- (CA INDEX NAME)

Absolute stereochemistry.

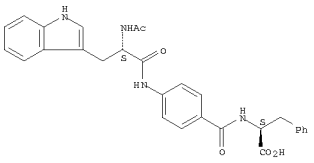
=> d bib abs hitstr l20 tot

L20 ANSWER 1 OF 3 HCAPLUS COPYRIGHT 2007 ACS on STN
AN 2001:331328 HCAPLUS
DN 134:326766
TI Preparation of amino acid derivatives of aminobenzoic and aminobiphenylcarboxylic acids as anti-cancer agents
IN Blood, Christine H.; Neustadt, Bernard R.; Smith, Elizabeth M.
PA Schering Corporation, USA
SO U.S., 29 pp.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US---6228985	B1	20010508	1998US-0082787	19980521 <--
PRAI 1998US-0082787		19980521 <--		

OS MARPAT 134:326766
AB Compds. Q-NH(CH2)nC6H4C6H4CO-R or Q-NH(CH2)nC6H4CO-R [n is 0 or 1; R is NH2 or NHCHR1R2, where R1, R2 = H, alkyl, aralkyl, heteroaralkyl, carboxy, carboxyalkyl, carbamoyl; Q is R3C(O) or R4CONHCHR5CO, where R5 = H, alkyl, aralkyl, heteroaralkyl, carbamoylalkyl; R3, R4 = H, alkyl, alkoxy, arylalkoxy, aralkyl, heteroaralkyl, carbamoylalkyl (substituents in the biphenylcarboxylic and benzoic acids may not be in ortho,ortho'- and ortho-positions, resp.)] or biolabile esters or pharmaceutically acceptable salts were prepared The compds. are useful for treating urokinase-type plasminogen activator (uPA) or urokinase-type plasminogen activator receptor (uPAR)-mediated disorders, e.g., tumor metastasis, tumor angiogenesis, restenosis, chronic inflammation, or corneal angiogenesis. Thus, N-[4-[4-[(3-indolylacetyl)amino]phenyl]benzoyl]-L-phenylalanine was prepared by the solid-phase method and showed IC50 = 20 nM for binding of radioligand c-[125I-Tyr24]-ATFp.
IT 336103-65-8P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of amino acid derivs. of aminobenzoic and aminobiphenylcarboxylic acids as anti-cancer agents)
RN 336103-65-8 HCAPLUS
CN L-Phenylalanine, N-acetyl-L-tryptophyl-4-aminobenzoyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



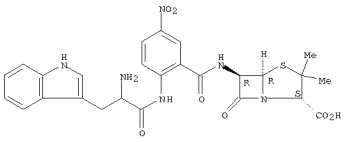
RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 2 OF 3 HCAPLUS COPYRIGHT 2007 ACS on STN
AN 1966:473525 HCAPLUS
DN 65:73525
OREF 65:13720b-e
TI Penicillins
IN Jansen, Alexander B. A.; Stokes, Peter J.
PA John Wyeth & Brother Ltd.
SO 4 pp.
DT Patent
LA Unavailable
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
GB---1034874		19660706	1964GB-0009025	19640303 <--
PRAI GB		19640303 <--		

GI For diagram(s), see printed CA Issue.
AB A series of penicillins (I) were synthesized by treating a ketene dimer (II) with 6-amino-penicillanic acid or its salt. For example, a solution of 0.01 mole ketene dimer in 6 ml. tetrahydrofuran (THF) was added gradually with stirring to an ice-cooled solution of 6-aminopenicillanic acid (0.01 mole) in a mixture of 5 ml. water and 10 ml. THF containing 0.02 mole Et3N. Stirring was continued for another hr.; water was added and the mixture extracted with ether. The aqueous layer was acidified and the liberated acid collected in ether. The addition of 2N butanolic K 2-ethylhexanolate (0.01 equivalent) to the dried solution afforded the K salt as a gum which was obtained as a solid by solution in 3 ml. acetone followed by reppth. with dry ether and trituration with fresh dry ether. The product was separated by centrifugation. In the reactions in which CH2Cl2 was used as the solvent, 2 equivalent of Et3N was used; the solution was prepared as described by Perron, et al. (CA 56, 11579d). In this case, the solvent was removed in vacuo at room temperature before the reaction mixture was worked up. 1, R2, solvent, % yield, [α]D23.5, (c in H2O); H, H, aqueous THF, 27-59, 271°, 0.8; Me, H, aqueous THF, 32-42, 290°, 1.1; Et, H, aqueous THF, 42, 282°, 1.2; Pr, H, (CH2Cl2, 13-18, 257°, 0.9; iso-Pr, H, CH2Cl2, 34-7, 235°, 0.4; Bu, H, CH2Cl2, 30 204°, 1.9; Ph, H, aqueous THF, 44, 160°, 0.9; Me, Me, aqueous THF, 8-25, 263°, 0.7;. The K salts of penicillin prepared are given in the table.
IT 102264-37-9
(Derived from data in the 7th Collective Formula Index (1962-1966))
RN 102264-37-9 HCAPLUS
CN 4-Thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid, 6-[[2-[[2-amino-3-(1H-indol-3-yl)-1-oxopropyl]amino]-5-nitrobenzoyl]amino]-3,3-dimethyl-7-oxo-, [2S-(2α,5α,6β)]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

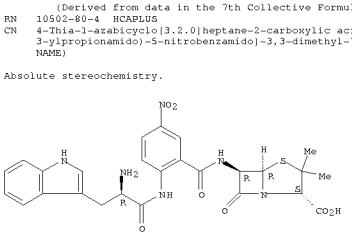


L20 ANSWER 3 OF 3 HCAPLUS COPYRIGHT 2007 ACS on STN
AN 1966:473524 HCAPLUS
DN 65:73524
OREF 65:13719h,13720a-b
TI 6-[o-(Aminoacylamido)benzamido]penicillanic acids
IN Alburn, Harvey E.; Grant, Norman H.
PA American Home Products Corp.
SO 3 pp.
DT Patent
LA Unavailable
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US---3268515		19660823	1964US-0358066	19640407 <--
PRAI US		19640407 <--		

AB 6-(o-Aminobenzamido)penicillanic acid (I) and derivs. of I are treated with an N-carboxy amino acid anhydride to give the title acids, useful as antibacterials. A mixture of 404 mg. I, 212 mg. D-phenylglycine-N-carboxy anhydride, and 30 ml. cold water is agitated 60 min. at 1-2° and pH 6.0 to give 6-[o-(2-amino-2-phenylacetamido)benzamido]penicillanic acid. Similarly prepared are the following penicillanic acids: 6-[2-(D-2-amino-4-methylvaleramido)-5-nitrobenzamido]; 6-[2-(2-amino-2-phenylacetamido)-3-naphthamido]; 6-[N-methyl-2- (2-amino - 2 - phenylacetamido) - 5 - nitrobenzamido]; 6- [2- (2-amino-5-methylbenzamido)benzamido]; 6-[2-(2-pyrrolidinecarboxamido)benzamido]; 6-[2- (L-2-aminopropionamido)benzamido]; 6-[2- (D-2-amino-2-phenylacetamido)-5-nitrobenzamido]; 6- [2- (L-2-amino-3-phenylpropionamido)-5-nitrobenzamido]; 6-[2- (1-aminocyclobutanecarboxamido)-5-nitrobenzamido]; 6- [2-(1-aminocyclopentanecarboxamido)-5-nitrobenzamido]; 6- [2-(1-aminocyclohexanecarboxamido)-5-nitrobenzamido]; 6-[2-(1-aminocyclooctanecarboxamido)-5-nitrobenzamido]; 6-[2-(o-aminobenzamido)-5-nitrobenzamido]; 6[2-(2-amino- 5-nitrobenzamido)-5-nitrobenzamido]; 6-[2-(2-amino-5-chlorobenzamido)-5-nitrobenzamido]; 6-[2-(2-amino-5-methylbenzamido)-5-nitrobenzamido]; 6- [2- (D-α-aminoindole-3-propionamido)-5-nitrobenzamido]; and 6-[2-(L-α-aminoindole-3-propionamido]-5-nitrobenzamido].
IT 10502-80-4 10502-81-5 102264-37-9
(Derived from data in the 7th Collective Formula Index (1962-1966))
RN 10502-80-4 HCAPLUS
CN 4-Thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid, 6-[2-(2-amino-3-indol-3-ylpropionamido)-5-nitrobenzamido]-3,3-dimethyl-7-oxo- (8CI) (CA INDEX NAME)

Absolute stereochemistry.



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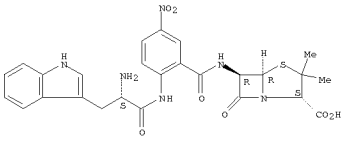
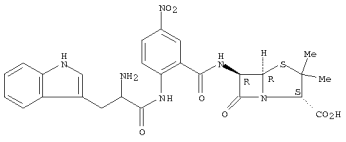
Absolute stereochemistry.

L20 ANSWER 3 OF 3 HCAPLUS COPYRIGHT 2007 ACS on STN (Continued)

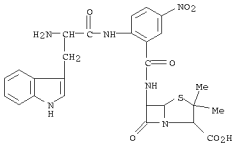


RN 102264-37-9 HCAPLUS
CN 4-Thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid, 6-[[2-[[2-amino-3-(1H-indol-3-yl)-1-oxopropyl]amino]-5-nitrobenzoyl]amino]-3,3-dimethyl-7-oxo-, [2S-(2α,5α,6β)]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



IT 909884-10-2P, 4-Thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid, 6-[2-(2-amino-3-indol-3-ylpropionamido)-5-nitrobenzamido]-3,3-dimethyl-7-oxo-, D-
RL: PREP (Preparation)
(preparation of)
RN 909884-10-2 HCAPLUS
CN 4-Thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid, 6-[2-(2-amino-3-indol-3-ylpropionamido)-5-nitrobenzamido]-3,3-dimethyl-7-oxo-, D- (7CI) (CA INDEX NAME)



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=> d his

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L1             STR

     FILE 'REGISTRY' ENTERED AT 08:40:51 ON 09 NOV 2007
L2             STR L1
L3           1 L2
L4     1182088 NC4-C6/ES
L5           1 L2 SAM SUB=L4
L6         345 L2 FULL SUB=L4
               SAV TEM J725C1/A L6

     FILE 'HCAPLUS' ENTERED AT 08:47:25 ON 09 NOV 2007

     FILE 'REGISTRY' ENTERED AT 08:47:42 ON 09 NOV 2007

     FILE 'HCAPLUS' ENTERED AT 08:47:42 ON 09 NOV 2007

     FILE 'REGISTRY' ENTERED AT 08:47:42 ON 09 NOV 2007

     FILE 'HCAPLUS' ENTERED AT 08:53:04 ON 09 NOV 2007

     FILE 'STNGUIDE' ENTERED AT 08:53:12 ON 09 NOV 2007

     FILE 'HCAPLUS' ENTERED AT 08:53:47 ON 09 NOV 2007
L7           1 US20060223826 /PN

     FILE 'REGISTRY' ENTERED AT 08:53:58 ON 09 NOV 2007

     FILE 'HCAPLUS' ENTERED AT 08:54:00 ON 09 NOV 2007
L8             TRA L7 1- RN :      799 TERMS

     FILE 'REGISTRY' ENTERED AT 08:54:00 ON 09 NOV 2007
L9           799 SEA L8
L10          299 L6 AND L9

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L11            1 L10

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L12           46 L6 NOT L10

     FILE 'STNGUIDE' ENTERED AT 08:55:27 ON 09 NOV 2007

     FILE 'HCAPLUS' ENTERED AT 09:07:02 ON 09 NOV 2007
L13           20 L12
L14           13 L13 AND (PD<=20021119 OR AD<=20021119 OR PRD<=20021119)

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L15            2 L6
                 SEL HIT RN

     FILE 'REGISTRY' ENTERED AT 09:08:18 ON 09 NOV 2007
L16            3 E1-3

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               SEL HIT RN L14

     FILE 'REGISTRY' ENTERED AT 09:08:56 ON 09 NOV 2007
L17           27 E4-30

     FILE 'STNGUIDE' ENTERED AT 09:09:15 ON 09 NOV 2007

     FILE 'REGISTRY' ENTERED AT 09:26:27 ON 09 NOV 2007
L18            5 L17 AND (C29H28N4O5 OR C26H26N6O7S)
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L19           3 L18
L20           3 L19 AND L14

     FILE 'REGISTRY' ENTERED AT 09:31:58 ON 09 NOV 2007

     FILE 'HCAPLUS' ENTERED AT 09:32:22 ON 09 NOV 2007

=>
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